BU-667-M Kershner Jan 79

Abstract

A bibliography containing 170 references on the theory and application of crossover designs with residual effects is presented.

PLEASE NOTE CHANGE OF TIME AND PLACE

STATISTICS SEMINAR

Spring 1979

Location: G-14 Uris

Time: Wednesday. Coffee or tea will be served at 3 pm; the seminar begins at 3:15.

January 31

L. D. Brown
Professor of Mathematics
Cornell University

"On simultaneous estimation problems: There is no magic dimension for inadmissibility"

February 7

S. Groshen
Graduate Student, Department of Mathematics
Cornell University

"Testing for equal proportions in pairs of Bernoulli variables"

February 14

R. E. Bechhofer
Professor of Operations Research and Industrial Engineering, Cornell University

"Optimal design for comparing treatments with a control in incomplete blocks"

CROSSOVER DESIGNS WITH RESIDUAL EFFECTS: A BIBLIOGRAPHY

BU-667-M R. P. Kershner January 1979

This bibliography contains 170 references and is confined almost exclusively to the theory and application of crossover designs with residual effects. A few additional references are included which provide some coverage to the problems of correlated errors with the key contributors being Box, Geisser, and Greenhouse. Every attempt was made to make this list as exhaustive as possible, as it hopefully might serve as an aid to future researchers in this area.

At the present point in time, the following papers have either been submitted to journals or are under consideration:

Raghavarao, D. and Blaisdell, E. Partially Balanced Residual Effect Designs. Submitted to JRSS,B.

Raghavarao, D. and Lakatos, E. Undiminished Residual Effect Designs and Their Applications in Ordering Sensitive Questions in a Questionnaire. Submitted to JASA.

Patterson, H. D. and Kok, K. L. Construction of R-orthogonal Serial Factorial Designs.

Weidman, L. Designs Balanced for Estimating Residual Effects in Two-Level Factorial Experiments.

Acknowledgement is made here to the massive bibliography on experimental design topics given in Federer and Balaam (1973), and also to the lengthy list of references on repeated measures -- of which the crossover is a special case -- given in Hedayat and Afsarineiad (1975).

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